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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (Currently Amended) A biodegradable starch bowl being prepared to have a

desired shape by heating and pressurizing a composition for the biodegradable starch bowl

comprising unmodified starch having of 20-60 wt.%; pulp fiber powder of 5-30 wt.%; a solvent

of 30-60 wt.%; Fe(III) doped titanium dioxide of 0.10.5-2.0 wt.%; said titanium dioxide being

doped with one or more selected from the group consisting of vanadium (V), molybdenum (Mo)

and niobium (Nb);sodium propionate of 0.01-1 wt.%, and potassium sorbate of more than 0.1 to

less than 0.5 wt% based on the total amount of the composition; and a biodegradable film which

has a thickness of 100-300 µm for water-resistance, wherein the biodegradable film is made of

one or more selected from the group consisting of polybutylene succinate, polyethylene

succinate, ester starch and cellulose acetate, for being attached to an inner surface of the bowl.

Claims 2-3 (Canceled).

4. (Previously Presented) The biodegradable starch bowl according to any one of

claims 1, 32, 33, or 34, wherein the unmodified starch is one or more selected from a group

consisting of corn, wheat, rice, tapioca and sweet potato.

5. (Previously Presented) The biodegradable starch bowl according to any one of

claims 1, 32, 33, or 34, wherein the pulp fiber powder has a fiber length of 10-200 μm .

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6. (Previously Presented) The biodegradable starch bowl according to any one of claims 1, 32, 33, or 34, wherein the pulp fiber powder is made by crushing a broadleaf tree.

Claims 7-12 (Canceled).

- 13. (Previously Presented) The biodegradable starch bowl according to any one of claims 1, 32, 33, or 34, further comprising a releasing agent of 0.5-5 wt%, wherein the releasing agent is a mixture of monostearyl citrate and magnesium stearate having the mixing ratio of 1: 1.5 by weight.
- 14. (Previously Presented) The biodegradable starch bowl according to any one of claims 1, 32, 33, or 34, wherein the solvent is one or more selected from a group consisting of water, alcohol, alkaline aqueous solution and acidic aqueous solution.
- 15. (Previously Presented) The biodegradable starch bowl according to any one of claims 1, 32, 33, or 34, wherein the solvent is water.
- 16. (Currently Amended) A method for preparing a biodegradable starch bowl comprising steps of: preparing a composition for a biodegradable starch bowl comprising unmodified starch of 20-60 wt.%; pulp fiber powder of 5-30 wt.%; <u>a</u> solvent of 30-60 wt.%; titanium dioxide for sterilizing and deodorizing in which an anatase content is 70% or more of 0.10.5-2.0 wt.%; and <u>potassium sorbate of more than 0.1 to less than 0.5 wt% sodium propionate</u>

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of 0.01-1 wt.%, based on the total amount of the composition (S1); preparing a bowl having a desired shape by heating and pressurizing the composition (S2); heating a biodegradable film which has a thickness of 100-300μm for water-resistance, made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, ester starch and cellulose acetate so as to be softened (S3); and positioning the softened film on an upper part of the bowl and then pressurizing the film into the bowl with vacuum suction or air injection from an exterior, thereby attaching the film to an inner surface of the bowl (S4).

Claims 17-18 (Canceled).

- 19. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the film is pressurized into the bowl with the air injection from an exterior and the vacuum-suction at the same time and thereby the film is attached to the inner surface of the bowl in the step of S4.
- 20. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the unmodified starch being one or more selected from a group consisting of corn, wheat, rice, tapioca and sweet potato is used in the step of S1.
- 21. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the pulp fiber powder having a fiber length of 10-200 µm is used in the step of S1.

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22. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the pulp fiber powder being made by crushing a broadleaf tree is used in the step of S1.

Claims 23-28 (Canceled).

- 29. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, further comprising a releasing agent in the step of S1, wherein the releasing agent being a mixture of monostearyl citrate and magnesium stearate having the mixing ratio of 1:1.5 by weight.
- 30. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the solvent being one or more selected from a group consisting of water, alcohol, alkaline aqueous solution and acidic aqueous solution is used in the step of S1.
- 31. (Previously Presented) The method for preparing a biodegradable starch bowl according to any one of claims 16, 35, 36, or 37, wherein the solvent being water is used in the step of S1.
- 32. (Currently Amended) A biodegradable starch bowl being prepared to have a desired shape by heating and pressurizing a composition for the biodegradable starch bowl

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comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; <u>a</u> solvent of 30-60 wt%; titanium dioxide for sterilizing and deodorizing in which an anatase content is 70% or more of 0.5-2.0 wt%; and <u>potassium sorbate of more than 0.1 to less than 0.5 wt% sodium propionate of 0.01-1 wt%</u>, based on the total amount of the composition; and a biodegradable film which has a thickness of 100-300 µm for water-resistance, wherein the biodegradable film is made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate, for being attached to an inner surface of the bowl.

- desired shape by heating and pressurizing a composition for the biodegradable starch bowl comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; a_solvent of 30-60 wt%; Fe(III) doped titanium dioxide of 0.10.5-2.0 wt%, said titanium dioxide being doped with one or more selected from the group consisting of vanadium (V), molybdenum (Mo) and niobium (Nb); and sodium benzoate equal to or greater than 0.2 wt% and less than 0.5 wt%, based on the total amount of the composition; and a biodegradable film which has a thickness of 100-300 µm for water-resistance, wherein the biodegradable film is made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate, for being attached to an inner surface of the bowl.
- 34. (Previously Presented) A biodegradable starch bowl being prepared to have a desired shape by heating and pressurizing a composition for the biodegradable starch bowl

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comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; solvent of 30-60 wt%; titanium dioxide for sterilizing and deodorizing in which an anatase content is 70% or more of 0.5-2.0 wt%; and sodium benzoate equal to or greater than 0.2 wt% and less than 0.5 wt%, based on the total amount of the composition; and a biodegradable film which has a thickness of 100-300 µm for water-resistance, wherein the biodegradable film is made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate, for being attached to an inner surface of the bowl.

comprising steps of preparing a composition for a biodegradable starch bowl comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; solvent of 30-60 wt%; Fe(III) doped titanium dioxide of 0.10.5-2.0 wt%, and potassium sorbate of more than 0.1 to less than 0.5 wt% said titanium dioxide being doped with one or more selected from the group consisting of vanadium (V), molybdenum (Mo) and niobium (Nb); and sodium propionate of 0.01-1 wt%, based on the total amount of the composition (S1); preparing a bowl having a desired shape by heating and pressurizing the composition (S2); heating a biodegradable film which has a thickness of 100-300 μm for water-resistance, the biodegradable film being made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate so as to be softened (S3); and positioning the softened film on an upper part of the bowl and then pressurizing the film into the bowl with vacuum suction or air injection from an exterior, thereby attaching the film to an inner surface of the bowl (S4).

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36. (Previously Presented) A method for preparing a biodegradable starch bowl comprising steps of preparing a composition for a biodegradable starch bowl comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; solvent of 30-60 wt%; titanium dioxide for sterilizing and deodorizing in which an anatase content is 70% or more of 0.5-2.0 wt%; and sodium benzoate equal to or greater than 0.2 wt% and less than 0.5 wt%, based on the total amount of the composition (S1); preparing a bowl having a desired shape by heating and pressurizing the composition (S2); heating a biodegradable film which has a thickness of 100-300 μm for water-resistance, the biodegradable film being made of one or more selected from the group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate so as to be softened (S3); and positioning the softened film on an upper part of the bowl and then pressurizing the film into the bowl with vacuum suction or air injection from an exterior, thereby attaching the film to an inner surface of the bowl (S4).

comprising steps of preparing a composition for a biodegradable starch bowl comprising unmodified starch of 20-60 wt%; pulp fiber powder of 5-30 wt%; <u>a</u> solvent of 30-60 wt%; <u>Fe(III)</u> doped titanium dioxide of 0.10.5-2.0 wt%; <u>said titanium dioxide being doped with one or more selected from the group consisting of vanadium (V), molybdenum (Mo) and niobium (Nb) and sodium benzoate equal to or greater than 0.2 wt% and less than 0.5 wt%, based on the total amount of the composition (S1); preparing a bowl having a desired shape by heating and pressurizing the composition (S2); heating a biodegradable film which has a thickness of 100-300 μm for water-resistance, the biodegradable film being made of one or more selected from the</u>

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group consisting of polybutylene succinate, polyethylene succinate, polyglycolic acid, ester starch and cellulose acetate so as to be softened (S3); and positioning the softened film on an upper part of the bowl and then pressurizing the film into the bowl with vacuum suction or air injection from an exterior, thereby attaching the film to an inner surface of the bowl (S4).